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A transdermal delivery device for animals or humans comprises cetyl myristoleate

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Abstract (Basic): WO 200064436 A1

NOVELTY - A transdermal delivery device for delivery of cetyl myristoleate (I) to animals or humans contains 1-3000 mg of (I).

DETAILED DESCRIPTION - INDEPENDENT claims are included for:

(1) an oral medicament comprising (I) and an enteric coating which is resistant to dissolution in the stomach but predisposed to dissolution in the intestine so as to prevent release of the cetyl myristoleate until the composition is in the intestine;

(2) an oral medicament comprising micro-encapsulated (I) the microencapsulation being resistant to dissolution in the stomach but predisposed to dissolution in the intestine to prevent release of the cetyl myristoleate until the composition is in the intestine;

(3) a suppository for transrectal, transvaginal or transurethral delivery comprising (I) and a solid carrier which melts at human or animal body temperature;

(4) an electrotransport transdermal delivery device for delivery of (I) to humans or animals containing 1-3000 mg of (I); and

(5) an intranasal delivery device for (I) which delivers 0.01-10 mg/kg/day (I) to the nasal mucosa of an animal or human.

ACTIVITY - Antiinflammatory; hepatotropic; antiulcer; antiarthritic; antirheumatic; vasotropic; immunosuppressive; virucide; antiasthmatic; dermatological; antiallergic; neuroprotective; analgesic; osteopathic; antimigraine; antidiabetic; antiarteriosclerotic; cardiant.

MECHANISM OF ACTION - None given.

USE - For treatment of pain or a disease associated with inflammation of tissues such as tendonitis, tenosynovitis, bursitis, chronic patellar tendonitis, Achilles tendonitis, fibrositis, inflammation of the spine, colitis, bronchitis, polymyalgia rheumatica, Crohn's disease, primary biliary cirrhosis, pericarditis, ulcerative colitis or Sjogren's syndrome, arthritis, rheumatoid arthritis, chronic arthritis, Behcet's disease, joint injury, ankylosing spondylitis, mixed connective tissue disease, Reiter's syndrome or synovitis, autoimmune Addison's disease, autoimmune hepatitis, Behcet's disease, lupus, asthma, hay fever, antiphospholipid syndrome, multiple sclerosis